

# Office Memorandum • UNITED STATES GOVERNMENT

TO : The Files: Contract No: 616, T.O. 4

DATE: 30 September 1961

FROM

INSPECTION REPORT NO. 2 25X1

SUBJECT: Trip Report - Accessory Unit, AU-3

25X1

1. Project Description:

The AU-3 Accessory Unit is an accoustical AGC device for use with any 2000 ohms,  $\frac{1}{2}$  mw. output Agent Receiver. It causes the audio power delivered to the listener's earpiece to vary directly with the ambient accoustical level.

2. Contractual Information:

- a. Initial Cost: \$4,318.72
- b. Initiation Date: 15 June 1961
- c. Completion Date: 31 October 1961
- d. Deliverable Items: One prototype with Phase I and II Reports

3. Date of Meeting: 27 September 19614. Place of Meeting: Philadelphia, Pa.5. Persons Attending:AgencyNon-Agency

25X1

6. Contractor's Performance:

- a. On Schedule and Expected to Remain So: Yes
- b. Within Obligated Funds and Expected to Remain So: Yes
- c. Satisfactory Technical Progress: Yes

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SUBJECT: Trip Report - Accessory Unit, AU-3 with  25X17. Project Status:

This design has been completed and miniature components have been procured for compact packaging. A maximum volume of one cubic inch has been set as a packaging goal with the form factor to be determined by economy of construction. The prototype will have a pair of pin-jacks to accommodate a conventional Telex earpiece and a cord terminated in pin-tips for connection to its associated receiver. In this model, power will be parasited from the receiver's 12 volt D.C. supply through another cord terminated in alligator clips. The breadboarded model works surprisingly well and instantaneously adjusts earset volume to compensate for the ambient accoustical level.

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